

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
44375/24:1APPLICATION NO.
10/016,631INFORMATION DISCLOSURE CITATION
(Uses several sheets if necessary)

APPLICANTS

Andre F.A. Fournier, Allen A. Jahani,
Michael S. Sawyer, and Stephen M. GrantFILING DATE
November 1, 2001GROUP
2684

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5 0 4 3 7 3 6	8/1991	Darnell, <i>et al.</i>	342	357	
	AB	5 2 3 5 6 3 3	8/1993	Dennison, <i>et al.</i>	379	60	
	AC	5 3 6 5 4 5 0	11/1994	Schuchman, <i>et al.</i>	364	449	
	AD	5 4 7 9 4 8 0	12/1995	Scott	379	59	
	AE	5 4 2 2 8 1 6	6/1995	Sprague, <i>et al.</i>	364	449	
	AF	5 3 8 8 1 4 7	2/1995	Grimes	379	59	
	AG	5 4 8 3 5 4 9	1/1996	Weinberg, <i>et al.</i>	375	200	
	AH	5 5 1 9 4 0 3	5/1996	Bickley, <i>et al.</i>	342	352	
	AI	5 5 4 6 4 4 5	8/1996	Dennison, <i>et al.</i>	379	60	
	AJ	5 5 5 5 2 8 6	9/1996	Tendler	379	59	
	AK	5 2 0 1 0 7 1	4/1993	Webb	455	101	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	WO 89/12835	12/1989	WIPO	G01S	5/02		
	AM	0 512 789 A2	5/1992	European Patent Office	G01S	5/14		
	AN	WO 96/18275	6/1996	WIPO	H04Q	7/32		
	AO	0 545 783 A1	6/1993	European Patent Office	H04L	27/32		
	AP	0 545 783 A1	6/1993	European Patent Office	H04L	27/32		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	PCT International Search Report dated 27.11.00 for International Application No. PCT/US00/13288.
	AS	Mueller, A.J., <i>et al.</i> , "A DSP Implemented Dual 9600/7200 BPS TCM Modem for Mobile Communications Over FM Voice Radios," Proceedings of the 1997 6th IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Vol. 2, 20-22, August 1997, pages 758-761, IEEE, New York, New York.

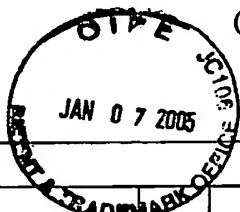
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<i>P</i>	AT	5	7	1	2	8	9	9		1/1998	Pace, II	379	58	
<i>P</i>	AU	5	7	2	6	8	9	3		3/1998	Schuchman, <i>et al.</i>	364	449.7	
<i>P</i>	AV	5	7	2	6	9	8	4		3/1998	Kubler, <i>et al.</i>	370	349	
<i>P</i>	AW	5	8	1	2	0	8	7		9/1998	Krasner	342	357	
<i>P</i>	AX	R	E	3	5	9	1	6		10/1998	Dennison, <i>et al.</i>	455	456	
<i>P</i>	AY	5	9	4	5	9	4	4		8/1999	Krasner	342	357.06	
<i>P</i>	AZ	5	9	4	6	6	1	1		8/1999	Dennison, <i>et al.</i>	455	404	
<i>P</i>	BA	5	9	7	0	1	3	0		10/1999	Katko	379	201	
<i>P</i>	BB	6	0	0	2	3	6	3		12/1999	Krasner	342	357.1	
<i>P</i>	BC	6	0	2	1	1	6	3		2/2000	Hoshi	375	272	
<i>P</i>	BD	6	1	4	0	9	5	6		10/2000	Hillman, <i>et al.</i>	342	357.07	

FOREIGN PATENT DOCUMENTS

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							YES	NO
<i>P</i>	BE	WO 99/49677	9/1999	WIPO	H04Q	7/22		
<i>P</i>	BF	WO 00/11893	3/2000	WIPO	H04Q	7/00		
<i>P</i>	BG	WO 98/53573	11/1998	WIPO	H04L			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>P</i>	BH	Coleman, A., <i>et al.</i> , "Subjective Performance Evaluation of the RPE-LTP Codec for the Pan-European Cellular Digital Mobile Radio System," Globecom '89, IEEE Global Telecommunications Conference and Exhibition, Vol. 2, 27-30, November 1989, pages 1075-1079, IEEE, New York, New York.						
<i>P</i>	BI	Lin, D., <i>et al.</i> , "Data Compression of Voiceband Modem Signals," 40th IEEE Vehicular Technology Conference: On the Move in the 90's. 6-9 May 1990, pages 323-325, IEEE, New York, New York.						
<i>P</i>	BJ	PCT International Search Report dated 3 January 2002 for International Application No. PCT/US01/20021.						

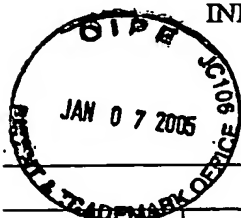
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<i>B</i>	BK	6	2	7	5	9	9	0	8/2001	Dapper, et al.	725	106	
<i>B</i>	BL	5	4	1	0	7	3	9	4/1995	Hart	455	66	
<i>B</i>	BM	5	5	7	2	2	0	4	11/1996	Timm, et al.	340	988	
<i>B</i>	BN	5	5	8	7	7	1	5	12/1996	Lewis	342	357	
<i>B</i>	BO	5	6	3	0	2	0	6	5/1997	Urban, et al.	455	54	
<i>B</i>	BP	5	6	8	6	9	1	0	11/1997	Timm, et al.	340	988	
<i>B</i>	BR	5	6	8	7	2	1	5	11/1997	Timm, et al.	379	58	
<i>B</i>	BS	5	7	1	1	0	1	3	1/1998	Collett, et al.	455	558	
<i>B</i>	BT	5	7	9	7	0	9	1	8/1998	Clise, et al.	455	404	
<i>B</i>	BU	5	9	7	8	6	7	6	11/1999	Guridi, et al.	455	426	
<i>B</i>	BV	6	0	4	4	2	5	7	3/2000	Boling, et al.	455	404	

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	BW													
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